Performance Data Sheet

AED2413ZHZ

General Information

Model	AED2413ZHZ	**Refrigerant**	R-404A
Test Condition	Tecumseh Europe	**Performance Test Voltage**	220V ~ 60HZ
Return Gas	32.2°C (90°F) RETURN GAS	**Motor Type**	CSIR

Performance Information

Evap Temp (°C)		Condensing Temperature (°C)			
		30	40	50	60
-40	Watts (Capacity)	202	170	108	33.4
	Watts (Power)	347	279	212	146
	Amps	1.42	1.33	1.22	1.12
-35	Watts (Capacity)	336	297	229	151
	Watts (Power)	377	328	281	235
	Amps	1.63	1.58	1.52	1.45
-30	Watts (Capacity)	488	440	366	285
	Watts (Power)	408	379	351	323
	Amps	1.84	1.83	1.81	1.79
-25	Watts (Capacity)	656	600	521	435
	Watts (Power)	443	431	421	411
	Amps	2.05	2.08	2.10	2.12
-23.3	Watts (Capacity)	717	659	577	490
	Watts (Power)	455	449	445	442
	Amps	2.12	2.17	2.20	2.23
-20	Watts (Capacity)	842	778	692	603
	Watts (Power)	479	485	492	500
	Amps	2.27	2.34	2.39	2.45
-15	Watts (Capacity)	1040	972	880	787
	Watts (Power)	518	540	565	589
	Amps	2.49	2.60	2.69	2.78
-10	Watts (Capacity)	1260	1180	1090	988
	Watts (Power)	559	598	638	678
	Amps	2.71	2.86	2.98	3.11

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.798700E+03	4.699482E+02	2.180780E+00	
C2	6.053852E+01	8.685563E-01	2.609948E-02	
C3	8.477281E+00	4.966241E+00	4.574920E-02	
C4	3.493370E-01	9.126259E-02	1.483270E-04	
C5	-3.348231E-01	2.868286E-01	7.010450E-04	
C6	-4.202124E-01	4.137060E-02	-5.312760E-04	
C7	0.000000E+00	0.000000E+00	0.000000E+00	
C8	-2.350780E-04	-1.478774E-03	-2.699680E-06	
C9	2.260000E-03	-6.700000E-05	-7.330000E-07	
C10	2.990000E-03	-2.830000E-04	3.480000E-06	

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature